

PROBIOTIC

Biorun

HYPRO-LIFE

هایپرولایف



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HYPRO-LIFE

The importance of nutrition and food rations management in poultry industry

Recent international studies have indicated that 75 to 80% of the global poultry industry is grappling with the digestive system problems and intestine inflammation in the process of poultry farming.

Nutrition and the health of digestive system are two key parameters in the economic production of industrial poultry. Optimization of ingredients in the food rations and nutrition management has significant positive impacts on the digestive system health and enhancing feed conversion ratio and the chicken growth. Improper nutrition and unsanitary environment, especially in the early stages of the chicks' growth, will result in digestive system disorders.

Consumption rate

500 grams per ton of feed

The consequences of digestive system disorders on poultry industry

Increase in the flock death rate	1	
Increase in food conversion ratio	2	
Decrease in production efficiency	3	

Hyprolife is a natural and suitable solution for prevention of the intestine complications, maintaining the digestive system health and enhancing production efficiency.



What is hyprolife and how does it help feed hygiene and poultry digestive system health?

Hyprolife is a probiotic product containing a particular species of *Bacillus subtilis* which has isolated from the intestine of healthy chickens. It is an applied and effective species in the poultry industry whose function is the stabilization of the digestive system, increasing the intestinal villi length, especially in ileum and cecum sections, improvement of the intestine morphology during the disease periods, prevention of the growth and proliferation of coliforms in the intestine and enhancing the efficiency of the immune system. Moreover, it plays a significant role in the feed digestion through production of various useful enzymes.

The expected outcomes from Hyprolife use in the feed

- Improving digestibility of nutrients by production of necessary enzymes in the small intestine
- Stabilization of digestion system flora through triggering indigenous lactic acid bacteria and reducing the growth of pathogenic bacteria
- Supporting the osmotic balance of intestinal mucus cells
- Enhancing the feed quality and efficiency
- Protecting the intestine and liver
- Reducing undesirable effects resulting from stress
- Improving the health and productivity of flock

Is the Hyprolife tolerant to heat, pressure and humidity occurred during the process of pellet-making?

The bacterium is tolerant to high temperatures up to 95 °C and the process of pellet-making has no significant effect on its viability and durability. Spores of the bacterium are stable in the feed and will sprout after consumption in the small intestine of birds.

Best before

Twenty four months from manufacture

Amount of affective substance

Total number of probiotic microorganisms is at least 10¹² cells/kg

Conservation conditions

- Keep in a cool and dry place away from direct sunlight
- Keep out of reach of children.

